

*Doug 1-17*

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region IV, Athens, GA 30613

DATE: November 4, 1982

*Ref 116782*  
CT: Results of Cyanide and Classical Analyses; SAAD Site  
Trousdale Road; 82-131BFROM: Tom B. Bennett, Jr., Chief  
Chemistry Section, ASBTO: Steve Hall, Engineer  
Industrial Support, ESB

Attached are results of cyanide and classical analyses on subject samples.

Other analytical data remains to be reported.

*Tom B.*

Tom B. Bennett, Jr.

Attachments

cc: Mike Carter

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD REG IV  
ATHENS GEORGIA

## \*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

11/03/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
WATERRESULTS  
0.010  
6.18  
19.0UNITS PARAMETER  
MG/L CYANIDE  
PH  
DEG C TEMPERATURESTORET  
00720  
00400  
00010

SAMPLE NO.: 82C2838

SAMPLE TYPE: MUNWL

PROJECT NO.: 42-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TNSTATION I.D.: SS-SS-MW7  
STORET STATION NO:SAMPLE COLLECTION: START DATE/TIME 09/17/82 945  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:CASE NO.: 1220 ORG SAMPLE NO.: D 1356 INORG SAMPLE NO.: MD 9047  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABSREMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

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## \*\*\*FOOTNOTES\*\*\*

- \*A-AVERAGE VALUE
  - \*J-ESTIMATED VALUE
  - \*K-ACTUAL VALUE IS KNOWN TO BE LESS THAN VALUE GIVEN
  - \*L-ACTUAL VALUE IS KNOWN TO BE GREATER THAN VALUE GIVEN
  - \*U-MATERIAL WAS ANALYZED FOR BUT NOT DETECTED. THE NUMBER IS
  - \*NA-NOT ANALYZED
  - \*N-PRESUMPTIVE EVIDENCE OF PRESENCE OF MATERIAL
  - \*NAI-INTERFERENCES
- THE MINIMUM DETECTION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDESTORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2839 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TNSTATION I.D.: SS-CF-SP  
STORET STATION NO:SAMPLE COLLECTION: START DATE/TIME 09/16/82 0  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:CASE NO.: 1220 ORG SAMPLE NO: D 1343 INORG SAMPLE NO.: MD 9042  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN LABSREMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

&gt;DATA REPORTED ON WET WEIGHT BASIS

\*\*\*\*\*  
\*\*\*FOOTNOTES\*\*\*\*A-AVERAGE VALUE \*NA-NOT ANALYZED \*NAI-INTERFERENCES  
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THE MINIMUM DETECTION LIMIT.

## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS 3.4 UNITS PARAMETER  
MG/KG CYANIDESTORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2828 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD  
CITY: NASHVILLE STATE: TNSTATION I.D.: SS-CS-4  
STORET STATION NO:SAMPLE COLLECTION: START DATE/TIME 08/16/82 1500  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:CASE NO.: 1220 ORG SAMPLE NO: D 1340 INORG SAMPLE NO.: MD 8961  
CONTRACT LABORATORY (ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY (INORGANIC): ROCKY MTN AN LABSREMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*  
>DATA REPORTED ON WET WEIGHT BASIS

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## \*\*\*FOOTNOTES\*\*\*

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDE

STORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2826 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-85  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1430  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO: D 1280 INORG SAMPLE NO.: MD 8959  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

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\*\*\*FOOTNOTES\*\*\*

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## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS  
10UNITS PARAMETER  
MG/KG CYANIDESTORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2825

SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TNSTATION I.D.: SS-CS-7  
STORET STATION NO:SAMPLE COLLECTION: START DATE/TIME 08/16/82 1400  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:CASE NO.: 1220 ORG SAMPLE NO: D 1279 INORG SAMPLE NO.: MD 8958  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABSREMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

&gt;DATA REPORTED ON WET WEIGHT BASIS

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## \*\*\*FOOTNOTES\*\*\*

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDE

STORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2824 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-3A  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1345  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1278 INORG SAMPLE NO.: MD 8957  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

>DATA REPORTED ON WET WEIGHT BASIS

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\*\*\*FOOTNOTES\*\*\*

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SAMPLE AND ANALYSIS MANAGEMENT SYSTEM  
EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDE

STORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2823 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TN

STATION I.D.: SS-CS-3  
STORET STATION NO:

SAMPLE COLLECTION: START DATE/TIME 08/16/82 1340  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0

COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:

CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:

CASE NO.: 1220 ORG SAMPLE NO.: D 1246 INORG SAMPLE NO.: MD 8956  
CONTRACT LABORATORY (ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY (INORGANIC): ROCKY MTN AN. LABS

REMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

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## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
10 MG/KG CYANIDESTORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: B2C2820 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TNSTATION I.D.: SS-CS-6  
STORET STATION NO:SAMPLE COLLECTION: START DATE/TIME 08/16/82 1305  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:CASE NO.: 1220 ORG SAMPLE NO: 0 1243 INORG SAMPLE NO.: MD 8953  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABSREMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

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## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD, REG IV  
ATHENS, GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
IU MG/KG CYANIDESTORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2819 SAMPLE TYPE: SOIL

PROJECT NO.: 82-131B PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TNSTATION I.D.: SS-CS-2  
STORET STATION NO:SAMPLE COLLECTION: START DATE/TIME 08/16/82 1250  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:CASE NO.: 1220 ORG SAMPLE NO: D 1242 INORG SAMPLE NO.: MD 8952  
CONTRACT LABORATORY(ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY(INORGANIC): ROCKY MTN AN. LABSREMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

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## SAMPLE AND ANALYSIS MANAGEMENT SYSTEM

EPA-ESD, REG IV  
ATHENS GEORGIA

\*\*\*\*\*ANALYTICAL RESULTS\*\*\*\*\*

RESULTS UNITS PARAMETER  
10 MG/KG CYANIDESTORET  
00721

11/02/82

SPECIFIED ANALYSIS  
DATA REPORTING SHEET  
SEDIMENT/SOIL/SLUDGE (DRY WT)

SAMPLE NO.: 82C2818 SAMPLE TYPE: SOIL

PROJECT NO.: 82-1318 PROGRAM ELEMENT: NSF  
SOURCE: SAAD SITE TROUSDALE RD.  
CITY: NASHVILLE STATE: TNSTATION I.D.: SS-CS-1  
STORET STATION NO:SAMPLE COLLECTION: START DATE/TIME 08/16/82 1245  
SAMPLE COLLECTION: STOP DATE/TIME 00/00/00 0COLLECTED BY: C.H. WILSON RECEIVED FROM:  
SAMPLE REC'D: DATE/TIME 00/00/00 0 REC'D BY:  
SEALED:CHEMIST: MAW CHEMIST:  
ANALYTICAL METHOD:CASE NO.: 1220 ORG SAMPLE NO.: D 1241 INORG SAMPLE NO.: MD 8951  
CONTRACT LABORATORY (ORGANIC): MEAD COMPUCHEM  
CONTRACT LABORATORY (INORGANIC): ROCKY MTN AN. LABSREMARK: ORG SAMPLES SHIPPED BY FED EXP 406215176  
REMARK: INORG SAMPLES SHIPPED BY FED EXP 406215180

SAMPLE LOG VERIFIED BY: DLC DATA VERIFIED BY: MAW

\*\*\*REMARKS\*\*\*

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